**PATENT** 

Customer No. 22,852

Application No.: 09/448,470

November 24, 1999

Attorney Docket No. 4329.2191-00

## **AMENDMENTS TO THE DRAWINGS:**

The attached Replacement Sheets of drawings include changes to Figs. 1, 2, 7, 10, and 13 correcting minor typographical errors. These sheets, designated as Figures 1; 2 and 3; 7, 10, and 11; and 12 and 13 replace the sheets for Figures 1-3, 7, and 10-13 filed on November 24, 1999. The changes to Figures 1, 2, 7, 10, and 13 do not include any new matter.

Annotated Sheets Showing Changes for Figures 1, 2, 7, 10, and 13, attached to this paper, depict the corrections made in red ink.

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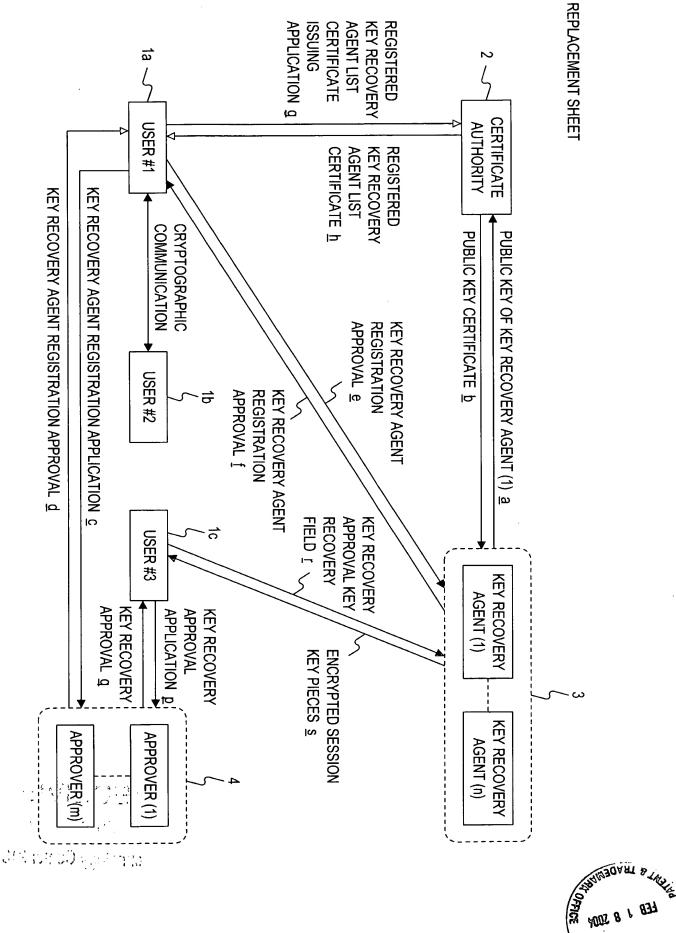


FIG. 1



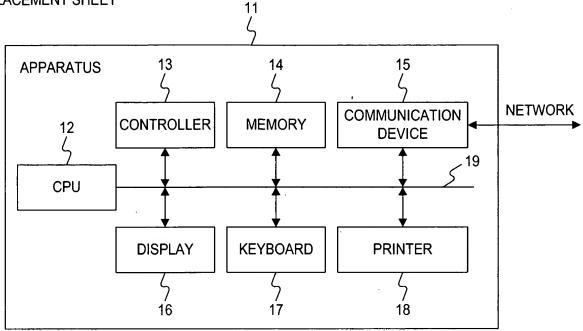


FIG. 2

PROCEDURE FOR REGISTERING KEY RECOVERY AGENT IN CERTIFICATE AUTHORITY

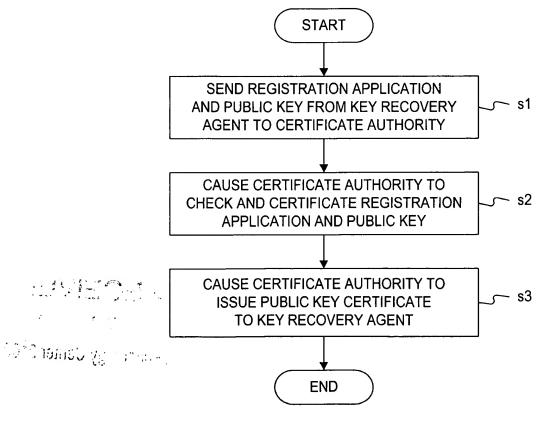


FIG. 3



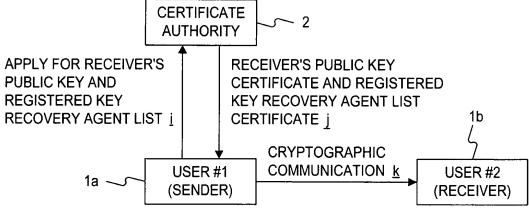
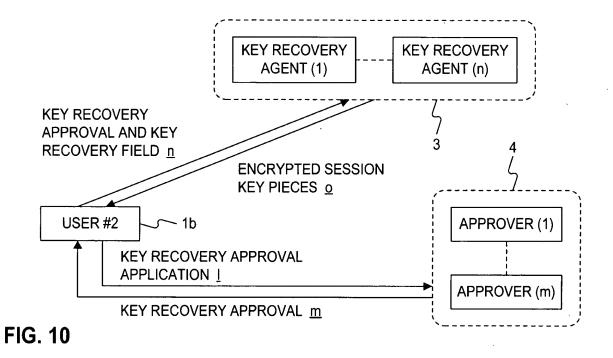


FIG. 7



KEY RECOVERY SENDER'S OR RECEIVER'S TRANSMISSION ENCRYPTION KEY

SK'

[M'] KRA (i) pb

41

41

7

44

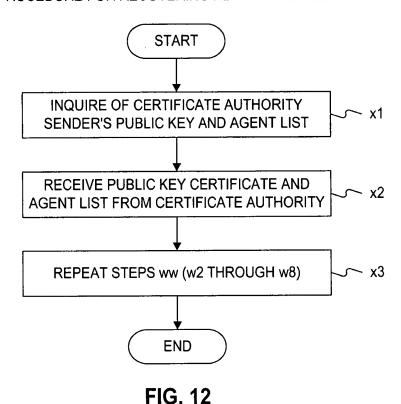
KEY RECOVERY SENDER'S OR RECEIVER'S ENCRYPTION KEY

SK'

FIG. 11



## PROCEDURE FOR RECOVERING KEY BY THIRD PARTY



**KEY RECOVERY KEY RECOVERY** AGENT (n) AGENT (1) **USER'S PRIVATE KEY** RECOVERY APPROVAL AND **USER'S PRIVATE KEY** RECOVERY FIELD r **ENCRYPTED USER'S** PRIVATE KEY PIECES w APPROVER (1) USER#1 - 1a **USER'S PRIVATE KEY RECOVERY** APPROVAL APPLICATION t APPROVER (m) **USER'S PRIVATE KEY** RECOVERY APPROVAL u

FIG. 13